

ABSTRACT

BATTERY OPERATED DEVICE WITH DISPLAY

A portable electronic device (40) comprises a display module (42) and a
5 battery unit (44). The device has at least one further analogue input or output
interface (50,52,54) (in addition to the display). The display module includes a
voltage converter (48) for providing at least one voltage exceeding the battery
unit voltage, and an output from the voltage converter (48) of the display
module is provided to a circuit (50a, 52a, 54a) associated with the at least one
10 further analogue input or output interface.

This enables a reduction in cost and volume of the device by providing
a highly integrated solution, in which a voltage converter within a display
module is used also for circuitry of another interface or interfaces.

15 [Fig 3]